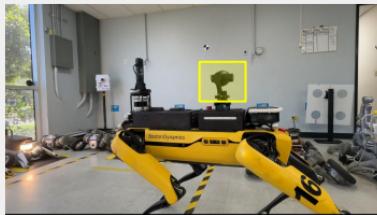


Robot command



Runtime Classification

Decision Function

Classifies as success, known failure, or anomaly

Conformal Prediction Thresholding

Failure Threshold



Success Threshold



Failure model

Success model



$O(s_t)$



$O(s_{t+1})$